D210 – Representation and Reporting
Welcome, Study Plan, and Course Pacing Guide
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> **NOT SURE WHERE TO START IN THE COURSE?? You are in the right place!**
> Your D210 instructor team has put together the following guide full of resources and course tips to help you get the most out of this course and to help you pass the course in the most efficient way possible! 😊

Welcome to D210 – Representation and Reporting!

Representation and Reporting focuses on communicating observations and patterns to diverse stakeholders, a key aspect of the data analytics life cycle. This course helps students gain communication and storytelling skills. It also covers data visualizations, audio representations, and interactive dashboards. The prerequisite for this course is Data Mining I.

D210 STUDY PLAN OUTLINE
(with Tips and Extra Resources!)

This study plan outline is a result of lots of student feedback on what has helped your fellow Night Owls be successful!

Many students find that the most efficient way to complete this course is by working through the Performance Assessment course projects directly and researching new topics as you encounter them in the project.

There may be some aspects of the projects you can complete using skills you might remember from previous Data Mining courses – like acquiring data, and preprocessing data – but, there will likely be some aspects of the projects that will be more unfamiliar to you – like integrating data from multiple sources into a dashboard, creating dashboard navigations, or creating a dashboard that is universal accessible.

As you encounter a task in the project you aren't as familiar with, that is a good time to consult the course materials in **DataCamp** and the supplemental resources in **Resource Library**, and **Video Resources in Course Announcements** for help in understanding new concepts and seeing examples of those new skills in action!

D210 RECOMMENDED STUDY PLAN

1. **Read through all of the requirements of the Performance Assessments**, including the Task Descriptions as well as the Project Rubrics and the Weblinks section for additional information.

    a. You can access the Performance Assessment by clicking on the View Task link in the Assessment section of your course page.

    b. After reading through all the information about the Performance Assessments, consider watching the ***Video Resources in Course Tips and in Course Search*** for more detailed explanations about each section of each task and a ***walkthrough of the pain points*** showing you how to demonstrate different data preprocessing and performing analysis.

2. **Work through the only TASK: Part 1: Interactive Data Dashboard 1 through 3, Part 2: Storytelling with Panopto and Part 3: Reflection Paper 1 through 9.** For each section:

    a. Include the answers to any questions asked in the PA in your written project document.

    > **PRO TIP**: **SAVE YOUR CODE FREQUENTLY!!** Be sure to submit your Dashboard link if you use Tableau Public or Submit the twb/twbx along with supporting datasets if you use Tableau Desktop.

    b. Save and submit your both datasets for evaluation.
    c. Always resubmit all parts of your Performance Assessment after each revision.

3. Before you submit your Performance Assessment for the first time, be sure to read through each requirement to help you maximize your chances of passing the Performance Assessment on your first attempt!

4. Submit your Performance Assessment! 😊
    a. If you do not pass on your first attempt, don't panic! 😊 View your evaluator's feedback by clicking on the View Task link in the Assessment section of your course page, and then clicking on the Evaluation tab on the next screen. Read your evaluator's comments and note what they ask you to change in each section that it not marked 'Competent' in green.

b. If you have any questions about how to go about making the requested changes, read through D210 Video Resources for extra tips and resources, and of course **reach out directly to your course instructor if anything isn't clear!**

D210 COURSE PACING GUIDE

Many students are able to complete this course in 5 weeks. To meet this **37-day Challenge**, we suggest the following pacing:

- **Week 1**: Read the Performance Assessment (PA), watch video resources in **ANNOUNCEMENTS** and engage the Learning Materials—in DataCamp. Additional Learning Materials are in Resource Library under Course Information below the PA.

- **Week 2**: Start working on the Interactive Data Dashboard. Plan to complete your Interactive Data Dashboard in Week 2. Contact Course Instructor as needed.

  Week 3: Start working on the Storytelling with Panopto. Plan to complete your storytelling in week 3. Always contact your Course Instructor as needed.

> Take the D210
> Data Mining II
> 30-Day Challenge!
> Read Performance
> Assessment and Watch
> Video Resources in Course
>
> CHALLENGE ACCEPTED

- **Week 4**: Start working on the Reflection Paper in Part 3. Plan to complete your reflection paper in week 4; Don't forget to email or schedule time with your Course Instructor for clarifications if needed.

- **Week 5**: Watch Video Resources, then complete remaining sections of the Performance Assessment**,** proofread, and make final edits on your project documents, and submit your first attempts for evaluation.

- Time reserved for project revisions as required by evaluation; consult your course instructor as needed!

Where to Get Help … for Each Section of the Assessment!

(Student favorites are marked with a red arrow: ←)

Introduction:

Task: Consist of three parts

- ○ Interactive Data Dashboard
- ○ Storytelling
- ○ Reflection Paper

D210 Requirements and Tutorials:

PRIMARY LEARNING MATERIALS: Datacamp and Resource Library

- ▪ **Task 1 Overview:**

  - • Representation and Reporting - D210 Performance Assessment Overview ←

  - • Overview of D210 Performance Assessment Part 2: Storytelling with Data ←

  - • Representation and Reporting D210 Performance Assessment Part3: Reflection Paper Overview ←